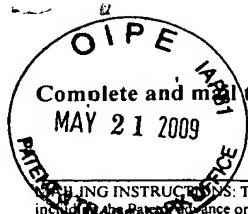


## PART B - ISSUE FEE (S) TRANSMITTAL



Complete and mail this form, together with applicable fees, to:

**Box ISSUE FEE**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including payment orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate FEE ADDRESS for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

REED SMITH LLP  
 SUITE 1400  
 3110 FAIRVIEW PARK DRIVE  
 FALLS CHURCH, VA 22042

Note: The certificate of mailing below can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate

## Certificate of Mailing

I hereby certify that this Issue Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelop addressed to the Box Issue Fee address on the date indicated below.

|                    |             |                      |                     |                  |
|--------------------|-------------|----------------------|---------------------|------------------|
| (Depositor's name) |             |                      |                     |                  |
| (Signature)        |             |                      |                     |                  |
| (Date)             |             |                      |                     |                  |
| APPLICATION NO     | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 10/549,683         | 09/19/2005  | Jun Suda             | HIRA.0204           | 1086             |

TITLE OF INVENTION: **METHOD OF GROWING SEMICONDUCTOR CRYSTAL**

|                |              |           |                 |                  |            |
|----------------|--------------|-----------|-----------------|------------------|------------|
| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
| nonprovisional | NO           | \$1,510   | \$300           | \$1,810          | 06/05/2009 |

|                  |          |                  |
|------------------|----------|------------------|
| EXAMINER         | ART UNIT | CLASS - SUBCLASS |
| SONG, MATTHEW J. | 1792     | 117-094000       |

1. Change of correspondence address or indication of "Fee Address" (37 CFR §1.363). Use of PTO form(s) and Customer Number are recommended, but not required.

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (have as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed

1. Reed Smith LLP2. Juan Carlos A. Marquez, Esq.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Japan Science and Technology Agency

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Saitama, Japan

Please check the appropriate assignee category (will not be printed on the patent) ☐ individual☒ Corporation or private group entity☐ government

4a. The following fees are enclosed:

☒ Issue fee☒ Publication Fee☒ Advance Order - # of Copies: 3

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 08-1480 (enclose an extra copy of this form).

The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the Issue Fee and Publication Fee (if any) to the application identified above.

(Authorized Signature)

(Date) May 21, 2009

Juan Carlos A. Marquez Reg. No. 34,072

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered patent attorney or agent; or the assignee or other party in interest as shown by the records of the Patent and Trademark Office

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, United States Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington, D.C. 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

TRANSMIT THIS FORM WITH FEE(S)

Page 2 of 3

PTOL-85 (Rev.07-01) Approved for use through 01/31/2004. OMB 0651-0033

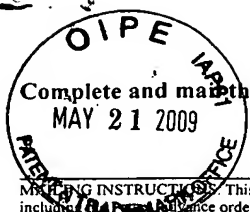
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

05/22/2009 SZEWDIE2 00000069 10549683

01 FC:1501  
 02 FC:1504  
 03 FC:8001

1510.00 OP  
 300.00 OP  
 9.00 OP

US\_ACTIVE-101680727.1-SSGOODE 5/21/09 11:00 AM



## PART B - ISSUE FEE (S) TRANSMITTAL

Complete and mail this form, together with applicable fees, to:

Box ISSUE FEE  
Assistant Commissioner for Patents  
Washington, D.C. 20231

MAINTENANCE INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including maintenance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address, and/or (b) indicating a separate FEE ADDRESS for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

REED SMITH LLP  
SUITE 1400  
3110 FAIRVIEW PARK DRIVE  
FALLS CHURCH, VA 22042

Note: The certificate of mailing below can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate

## Certificate of Mailing

I hereby certify that this Issue Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelop addressed to the Box Issue Fee address on the date indicated below..

|                    |             |                      |                     |                  |
|--------------------|-------------|----------------------|---------------------|------------------|
| (Depositor's name) |             |                      |                     |                  |
| (Signature)        |             |                      |                     |                  |
| (Date)             |             |                      |                     |                  |
| APPLICATION NO     | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 10/549,683         | 09/19/2005  | Jun Suda             | HIRA.0204           | 1086             |

TITLE OF INVENTION: METHOD OF GROWING SEMICONDUCTOR CRYSTAL

|                |              |           |                 |                  |            |
|----------------|--------------|-----------|-----------------|------------------|------------|
| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
| nonprovisional | NO           | \$1,510   | \$300           | \$1,810          | 06/05/2009 |

|                  |          |                  |
|------------------|----------|------------------|
| EXAMINER         | ART UNIT | CLASS - SUBCLASS |
| SONG, MATTHEW J. | 1792     | 117-094000       |

1. Change of correspondence address or indication of "Fee Address" (37 CFR §1.363). Use of PTO form(s) and Customer Number are recommended, but not required.
- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached.
2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (have as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1. Reed Smith LLP
2. Juan Carlos A. Marquez, Esq.

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Japan Science and Technology Agency

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Saitama, Japan

Please check the appropriate assignee category (will not be printed on the patent) ☐ individual ☒ Corporation or private group entity ☐ government

## 4a. The following fees are enclosed:

- ☒ Issue fee
- ☒ Publication Fee
- ☒ Advance Order - # of Copies: 3

## 4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 08-1480 (enclose an extra copy of this form).

The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the Issue Fee and Publication Fee (if any) to the application identified above.

(Authorized Signature)

(Date) May 21, 2009

Juan Carlos A. Marquez Reg. No. 34,072

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered patent attorney or agent; or the assignee or other party in interest as shown by the records of the Patent and Trademark Office

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, United States Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington, D.C. 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

TRANSMIT THIS FORM WITH FEE(S)

Page 2 of 3